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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 08/974,584  
Filing Date November 19, 1997  
First Named Inventor CECH et al.  
Group Art Unit 1655  
Examiner Name Myers, Carla J.  
Attorney Docket Number 15389002950

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☒ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☒ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers (for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition Routing Slip (PTO/SB/69) and Accompanying Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):

Paper and computer readable copy of Substitute Sequence listing; Clean and Marked-Up copies of Substitute Specification

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name

Townsend and Townsend and Crew LLP  
Randolph T. Apple

Reg No. 36,429

Signature

Date

23 February 2001

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

23 February 2001

Typed or printed name

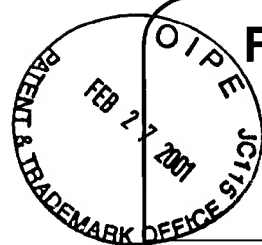
RANDOLPH T. Apple

Signature

Date

2/23/01

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PA 3129157 v1



# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	08/974,584
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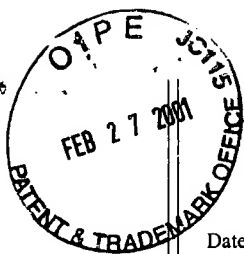
TOTAL AMOUNT OF PAYMENT (\$ ) 1390

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																					
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 20-1430</p> <p>Deposit Account Name: Townsend and Townsend and Crew LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td>1390</td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Randolph T. Apple	Registration No. (Attorney/Agent)	36,429	Telephone	650-326-2400
Signature		Date	2/23/01		

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PATENT  
Attorney Docket No.: 15389-002950

Date: February 23, 2001

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Assistant Commissioner for Patents  
Washington, D.C. 20231

Signed: 

Cl 137  
P  
Hilton

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

CECH et al.

Application No.: 08/974,584

Filed: November 19, 1997

For: TELOMERASE REVERSE  
TRANSCRIPTASE

Examiner: Carla J. Myers

Art Unit: 1655

RESPONSE TO RESTRICTION  
REQUIREMENT AND AMENDMENT

AND

SUBSTITUTE SEQUENCE LISTING AND  
COMMUNICATION UNDER  
37 C.F.R. §§ 1.821-1.825

AND

SUBMISSION OF SUBSTITUTE  
SPECIFICATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed September 26, 2000, Applicants submit herewith (1) a Response to Restriction Requirement, (2) a paper copy and computer readable copy of the Substitute Sequence Listing required in the *Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures*, 37 C.F.R. §§ 1.821-1.825 that accompanied the Office Action, (3) a Substitute